

JPL1-BM03



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jay Whitacre, et al.

Serial No.: 09/779,595

Filed: February 8, 2001

For: STRUCTURE AND METHOD FOR  
MANUFACTURING THIN-FILM  
LITHIUM MICROBATTERIES

Examiner: John S. Maples

Group Art Unit: 1745

December 5, 2002

Irvine, California

#3/2  
12.27.22  
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TC 1700

**RESPONSE AND AMENDMENT**  
**PURSUANT TO 37 C.F.R. § 1.111**

Assistant Commissioner for Patents  
Washington, D.C. 20231-0001

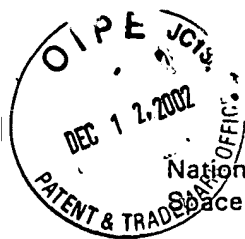
Honorable Commissioner:

In response to the non-final Office Action dated September 30, 2002, the following amendments and remarks are presented for the Examiner's consideration. In light of these amendments and remarks, it is believed that amended claim 20 and new claims 22-26 are allowable and prompt allowance of this application is therefore earnestly solicited.

**IN THE SPECIFICATION**

Please replace the first full paragraph on page 11 with the following:

Following the above, the structure is sealed in a dry environment by placing a glass cover over it and attaching with epoxy. More specifically, the structure is placed in a dry environment (< 1% humidity) to cool after the preceding step of forming the anode layer 20. The active anode/electrolyte area is surrounded with a bead of 5 minute epoxy 21. Care is to be taken here to assure that the leads from the anode and current collector are not fully enclosed by the epoxy



National Aeronautics and  
Space Administration

Headquarters  
Washington, DC 20546-0001

1745 \$  
Patent Application



NPO- 21015-1-CU  
(NASA Docket No.)

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THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

Transmitted herewith is an amendment as identified below:

Serial No.: 09/779,595 Filed: 02/08/2001  
Examiner: John S. Maples Group Art Unit: 1745  
For: STRUCTURE AND METHOD FOR MANUFACTURING THIN-FILM  
LITHIUM MICROBATTERIES

The fee has been calculated as shown below:

CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS — — — — —	27	21	x 6	x/ 18.00	\$108.00
INDEPENDENT CLAIMS — — —	4	3	x 1	x 84.00	84.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					192.00

\*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

\*\*\*Minimum number here is 3, even though a lesser number appeared in the application as filed.

☐ No additional fee is required.

☒ Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

December 5, 2002  
(Date)

John H. Kusmiss  
John H. Kusmiss (Attorney of Record) (Reg. No.) 32,149

NOTE: This form is to be used when filing an amendment to a patent application.